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# Stefan Eilemann

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FULL RESUME [http://www.equalizergraphics.com/documents/CV\\_Stefan\\_Eilemann.pdf](http://www.equalizergraphics.com/documents/CV_Stefan_Eilemann.pdf)

## PROJECTS **2007-current**

CEO and Co-Founder of Eyescale Software GmbH, a company providing software consulting and development services for scalable 3D visualization software and parallel applications.

Software architect and developer for RTT Scale, the scalability module for RTT's leading high-end visualisation software suite RTT DeltaGen.

## **2005-current**

Jumpstarted the development of Equalizer, the standard middleware to create parallel OpenGL-based applications in early 2005. Leading the academic and commercial research as well as the development of an industrial quality open source code base. Product promotion to establish the product and to build an open source community.

## **2004-2005**

Senior software engineer contributing to the design and development of a Java-based LCDUI implementation for MIDP 2 devices. The implementation uses a CSS-based file format to dynamically configure the Look&Feel of the user interface.

## **2004**

Development of a fully functional 3D phone simulator for Java software running on mobile phones for marketing presentations. Completed project under tight schedule for a trade show within two months, using C++ and OpenSceneGraph.

## **2003**

Software engineer in a three-man/three-month project to create a distributed shared memory and synchronization API for Linux clusters, based on C++, TCP/IP and pthreads. Worked with another team developing an OpenGL Performer demo based on this API.

## **2000-2003**

Technical lead engineer for a three-man team developing and maintaining a parallel rendering toolkit based on OpenGL, C++, pthreads and various SGI-specific technologies. Responsible for all technical aspects of the project, like feature definition and prioritization, design, implementation, coaching, code reviews, documentation, as well as interfacing to other internal projects, technical publications and customer support.

## **2000**

Implemented a network configuration management tool using Linux, Apache, MySQL and Perl for an internet service provider.